

Resolution of racemates using chiral HPLC

Authors: L. Oliveros, P. López, C. Minguillón, P. Franco

Title: "Chiral chromatographic discrimination ability of a cellulose 3,5-dimethylphenylcarbamate 10-undecenoate mixed derivative fixed on several chromatographic matrices"

Journal: J. Liq. Chromatogr., **18**, 1521-1532, 1995.

Authors: C. Minguillón, P. Franco, L. Oliveros, P. López

Title: "Bonded cellulose-derived HPLC chiral stationary phases. I. Influence of the degree of fixation on selectivity"

Journal: J. Chromatogr. A, **728**, 407-414, 1996.

Authors: C. Cativiela, M. D. Díaz de Villegas, A. I. Jiménez, P. López, M. Marraud, L. Oliveros

Title: "Efficient access to all four stereoisomers of phenylalanine cyclopropane analogues by chiral HPLC"

Journal: Chirality, 583-590, 1999.

Authors: M. Alías, C. Cativiela, A. I. Jiménez, P. López, L. Oliveros, M. Marraud

Title: "Preparative HPLC resolution of the cis cyclohexane analogues of phenylalanine"

Journal: Chirality, **13**, 48-55, 2001.

Authors: A. I. Jiménez, P. López, L. Oliveros, C. Cativiela

Title: "Facile synthesis and highly efficient resolution of a constrained cyclopropane analogue of phenylalanine"

Journal: Tetrahedron, **57**, 6019-6026, 2001.

Authors: S. Royo, P. López, A. I. Jiménez, L. Oliveros, C. Cativiela

Title: "First synthesis of the two enantiomers of α -methylphenylalanine [(α Me)Dip] by HPLC resolution"

Journal: Chirality, **14**, 39-46, 2002.

Authors: C. Cativiela, A. I. Jiménez, G. Ballano, P. López

Title: "Synthesis of enantiomerically pure cyclopropane analogs of proteinogenic amino acids using chiral HPLC"

Journal: Peptides 2002. Proceedings of the 27th European Peptide Symposium, 62-63, 2002.

Authors: M. Gil, E. Buñuel, P. López, C. Cativiela

Title: "Synthesis of enantiopure 7-azanorbornane proline- α -amino acid chimeras by highly efficient HPLC resolution of a phenylalanine analogue"

Journal: Tetrahedron: Asymmetry, **15**, 811-819, 2004.

Authors: C. Cativiela, P. López, M. Lasa

Title: "Synthesis and Preparative Resolution of the trans Cyclohexane Analogues of Phenylalanine "

Journal: Eur. J. Org. Chem., 3898-3908, 2004

Authors: M. Alías, P. López, C. Cativiela

Title: "An efficient and stereodivergent synthesis of threo- and erithro- β -methylphenylalanine. Resolution of the four stereoisomers by semipreparative HPLC"

Journal: Tetrahedron, **60**, 885-891, 2004.

Authors: G. Gerona-Navarro, M. A. Bonache, M. Alías, M. J. Pérez de Vega, M. T. García-López, P. López, C. Cativiela, R. González-Muñiz

Title: "Symple access to novel azetidine-containing conformationally restricted amino acids by chemoselective reduction of β -lactam"

Journal: Tetrahedron Lett., **45**, 2193-2196, 2004.

Authors: C. Cativiela, G. Ballano, S. Royo, A. I. Jiménez, P. López

Title: "Synthesis of diphenylalanine (Dip) and its cyclopropane analogue (c₃Dip) in enantiomerically pure form by HPLC resolution"

Journal: Peptides 2004. Proceedings of the 3rd and 28th European Peptide Symposium, 198-199, 2004.

Authors: A. I. Jiménez, P. López, C. Cativiela

Title: "Synthesis and HPLC enantioseparation of the cyclopropane analogue of valine (c₃Val)"

Journal: *Chirality*, **17**, 22-29, 2005.

Authors: M. Gil, E. Buñuel, P. López, C. Cativiela

Title: "Application of a new methodology for the synthesis and resolution of β -(thien-2-yl)proline with the 7-azanorbornane skeleton"

Journal: *ARKIVOC*, **ix**, 90-103, 2005.

Authors: E. Royo, P. López, C. Cativiela

Title: "Application of a new methodology for the synthesis of α -methyl- α -arylglycines using methyl acetamidoacrylate as an α -methylglycine cation equivalent"

Journal: *ARKIVOC*, **vi**, 46-61, 2005.

Authors: C. Cativiela, M. Lasa, P. López

Title: "Synthesis of enantiomerically pure cis and trans-cyclopentane analogues of phenylalanine"

Journal: *Tetrahedron: Asymmetry*, **16**, 2613-2623, 2005.

Authors: C. Cativiela, M. Lasa, P. López

Title: "Synthesis of the four stereoisomers of cyclobutane analogues of phenylalanine in enantiomerically pure form"

Journal: *Tetrahedron: Asymmetry*, **16**, 4022-4033, 2005.